

10/536659

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
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D-3212  
DOCKET NO:

APPLN. NO.

APPLICANT: Michael John Clarke and Ian Hallas

FILING DATE: Herewith

GROUP ART: 1797

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
/JMG/	5	8	7	6	4	8	6	3-2-1999	Steinwandel et al.	53	22	09-09-1996
	4	1	7	4	3	7	4	11-13-1979	Matson	53	34	08-16-1978
	4	7	5	0	9	1	8	06-14-1988	Sirkar	53	22	05-28-1985
	4	8	2	4	4	4	3	04-25-1989	Matson et al.	53	22	04-07-1988
/JMG/	3	6	7	4	0	2	2	07-04-1972	Dounoucos	7	02	08-31-1967

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES      NO	
/JMG/	196	45	2	2	3	C	1	11-2-1996	DE	6			X
	197	29	7	3	9	A	1	07-11-1997	DE	6			X
	WO	94	0	1	2	0	4	07-02-1993	PCT				X
	1	5	1	7	3	6	2	08-20-1976	UK	13			X
/JMG/	0	2	0	1	4	6	8	04-10-1986	EP	53	34		X

**OTHER DOCUMENTS**

/JMG/	1	<i>Facilitated Transport of Carbon Dioxide through Supported Liquid Membranes of Aqueous Amine Solutions.</i> 1996 American Chemical Society. Ind. Eng. Chem. Res. Vo. 35, No. 2 Pg. 538-545. by Teramoto, Nakai, Ohnishi, Huang, Watari and Matsuyama
/JMG/	2	<i>Supported Liquid Membranes For Carbon Dioxide Removal From Submarine Atmospheres: Experiences with a technology demonstrator.</i> 2001-01-2394 By Gareth Toft, Steve Cassidy and Mark Lunn. Defense Evaluation and Research Agency on behalf of the Controller of HMSO.

EXAMINER	/Jason M. Greene/	DATE CONSIDERED:	05/23/2008
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